

**Al Nazafat****Advance Gel Sanitizer****SAFETY DATA SHEET****Section 1 : Product & Company Information**

Product Name : **Advance Gel Sanitizer**  
Other means of identification : not applicable  
Recommended use : Hand Sanitizer  
Restriction on use : not applicable  
Product dilution information : Product is sold ready to use  
Company : **Al Nazafat Inter care Solutions (HSSE Partners)**  
Suite No. 615, Ceasers Tower, Shakra-eFaisal, Karachi.  
Emergency Telephone Nos. : 02132803217-03333397452  
Issuing date : July 4, 2020

**Section 2 : Hazards Identification**

Flammable Liquids : Category 3  
Eye Irritation : Category 2A

Hazards pictogram :



Signal Word : Warning  
Hazard Statements : Flammable Liquid and vapor, cause serious eye irritaion  
Precautionary Statements : **Prevention:**  
Keep away from heat / sparks/ open flames/hot surface.  
No Smoking  
Keep container tightly closed  
**Response:**  
if in eyes : Rinse cautiously with water for several minutes.  
Remove contact lenses, if Present and easy to do. Continue rinsing.  
If eye irritation persist, get medical advice.  
in case of fire : use dry sand, dry chemical or alcohol-resistant foam for extinction.  
**Storage:**  
Store in a well - ventilated place. Keep cool.  
**Disposal:**  
Dispose of contents/ container to an approved waste disposal plant.  
Other hazards : **None Known**

**Section 3 : Composition / Information on Ingredients**

Pure substance / Mixture : Mixture  
Chemical Name : **Ethyl Alcohol Concentration 60% -100%**

**Section 4 : First Aid Measures**

in case of eye contact : Rinse water  
in case of skin contact : Rinse with water  
if swallowed : Rinse mouth, Get medical attention if systems occur  
if Inhaled : Get medical attention if systems occur  
Protection for first -aiders : No special precautions are necessary for first aid responders.  
Notes to Physician : Treat Symptomatically (refer toxicological information (Section 11))

**Section 5 : Fire fighting Measurs**

Suitable extinguishing media : Use existing measures that are appropriate to local circumstances and the surrounding environment

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Unsuitable extinguishing : High volume water jet  
Specific hazard during fire fighting: Carbon oxides  
Hazards combustion products : Use personal protective equipment  
Use water spray to cool unopened container. Fire residues and contaminated  
Specific extinguishing methods fire extinguishing water must be disposed of in accordance with local  
: regulations. In the event of fire and / or explosion do not breathe fume.

### Section 6 Accidental Release Measure

Personal precautions, protective equipment and emergency procedure : Remove all sources of ignition. Ensure clean up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.  
Environment precaution : Do not allow with soil, surface or ground water  
Eliminate all ignition source if safe to do so, stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (refer section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach  
: a waterway.  
Method and materials for containment and cleaning up

### Section 7 Handling and Storage

Advice on safe handling : Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces.  
Condition for Storage : Keep away from heat and sources of ignition. Keep in a cool, well-ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.  
Storage temperature : 0 °C to 35 °C

### Section 8 Exposure Controls / Personal Protection

**Ingredients with workplace control parameters**  
Ingredients : Ethyl Alcohol  
CAS - No : 64-17-5  
Form of Exposure : TWA  
Permissible Concentration : 1000 ppm ACGIH  
1000 ppm 1900 mg/m<sup>3</sup> NIOSH REL  
1000 ppm 1900 mg/m<sup>3</sup> OSHA Z1  
Engineering measures : Good General ventilation should be sufficient to control worker exposure to airborne contaminants.  
Personal Protective Equipment  
Eye Protection : No Special Protective equipment required  
Hand Protection : No Special Protective equipment required  
Skin Protection : No Special Protective equipment required  
Respiratory Protection : No personal respiratory protective equipment required  
Hygiene measures : No Specific measures identified

### Section 9 Physical & Chemical Properties

Appearance : Gel  
Colour : Clear, blue  
Odor : fragrance added  
pH : 7 -8.5, 100%  
Flash point : 23\* Closed up

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Odor Threshold	no data available
Melting point/ freezing point	no data available
Initial boiling point & boiling range	no data available
Evaporation rate	no data available
Flammability (solid gas)	no data available
Upper explosion limit	no data available
Lower explosion limit	no data available
Vapor pressure	no data available
Relative vapor density	0.869-0.873
Water Solubility	no data available
Solubility in other solvents	no data available
Partition coefficient : n-octanol / water	no data available
Autoignition temperature	no data available
Thermal decomposition	no data available
Viscosity Kinematic	no data available
Explosive properties	no data available
Oxidizing properties	no data available
Molecular weight	no data available
VOC	no data available

### Section 10 **Stability and Reactivity**

Chemical Stability	Stable under normal condition
Possibility of hazardous reaction	No dangerous reaction known under conditions of normal use
Condition to avoid	Heat, flames and sparks
Incompatible material	None Known
Hazardous decomposition products	Carbon oxides

### Section 11 **Toxicology information**

Information on likely routes of exposure	Inhalation, Eye contact, skin contact
<b>Potential Health effects</b>	
Eyes	Cause serious eye irritation
Skin Protection	Health injuries are not known or expected under normal use
Ingestion	Health injuries are not known or expected under normal use
Inhalation	Health injuries are not known or expected under normal use
Chronic Exposure	Health injuries are not known or expected under normal use
<b>Experience with human exposure</b>	
Eye Contact	Redness, Pain, Irritation
Skin Contact	No symptoms known or expected
Ingestion	No symptoms known or expected
Inhalation	No symptoms known or expected
<b>Toxicity</b>	
Acute oral toxicity	Acute toxicity estimate > 5,000 mg/kg
Acute Inhalation toxicity	no data available
Acute dermal toxicity	no data available

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Skin Corrosion/ irritation	no data available
Serious eye damage/ eye irritation	no data available
Respiratory or skin sensitization	no data available
Carcinogenicity	No Component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC
IARC	No Component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA
OSHA	No Component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP
NTP	no data available
Reproductive effects	no data available
Germ cell mutagenicity	no data available
Teratogenicity	no data available
STOT- Single exposure	The substance or mixture is not classified as specific target organ toxicant, single exposure
STOT- repeated exposure	no data available
Aspiration toxicity	no data available
<b>Ingredients</b>	
Acute dermal toxicity	Ethyl Alcohol , 4h LC50 rat:117mg/l
Acute inhalation toxicity	Ethyl Alcohol , LD50 rabbit:15,800 mg/kg

### Section 12 Ecological Information

<b>Ecotoxicity</b>	
Environmental Effects	Harmful to aquatic life
<b>Product</b>	
Toxicity to fish	no data available
Toxicity to daphnia and other aquatic invertebrates	no data available
Toxicity to algae	no data available
<b>Ingredients</b>	
Toxicity to fish	Ethyl Alcohol 96 h LC 50 Fish:1000 mg/l
<b>Persistence and degradability</b>	no data available
<b>Bioaccumulative potential</b>	no data available
<b>Mobility in soil</b>	no data available
<b>Other adverse effects</b>	no data available

### Section 13 Disposal Consideration

<b>Disposal Methods</b>	The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of waste in an approved waste disposal facility
<b>Disposal Considerations</b>	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.
<b>RCRA- Resource Conservation and Recovery</b>	
Authorizatio ACT Haatdous waste	D001 (ignitable)

### Section 14 Transport Information

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<b>Marks &amp; labels</b>	Contains Alcohol
<b>Class</b>	3
<b>Packing</b>	no specific requirement
<b>General</b>	to be trasported in paked with marks specification

<b>Section 15</b>	<b>Regulatory Information</b>
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<b>Hazards</b>	Fire Hazards
<b>Governance</b>	No chemical safety assessment has been made as this product is a mixture

<b>Section 16</b>	<b>Other Information</b>
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<b>Flammability</b>	3
<b>Health</b>	2
<b>Instability</b>	0
<b>Physical Hazards</b>	0

**General**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.